ELSEVIER

Hydrometallurgy 61 (2001) 231–232

hydrometallurgy

www.elsevier.nl/locate/hydromet

Contents Volume 61, 2001

Influence of perchloric acid on the kinetics of immersion plating of copper onto aluminium
M. Kanungo, V. Chakravarty, K.G. Mishra and S.C. Das 1
Uphill permeation of chromium (VI) using Cyanex 921 as ionophore across an immobilized liquid membrane
F.J. Alguacil, A.G. Coedo, M.T. Dorado and A.M. Sastre 13
Conversion of zinc chloride to zinc sulphate by electrodialysis—a new concept for solving the chloride ion problem in zinc hydrometallurgy
A. Chmielarz and W. Gnot 21
Dissolution of chromium-substituted iron oxides in V(II) formulations
J. Manjanna and G. Venkateswaran 45
Extraction and recovery of cadmium using Cyanex 923
B. Gupta, A. Deep and P. Malik 65

News
Carl Hanson Medal
M. Cox 73
Processing of xenotime concentrate by sulphuric acid digestion and selective thorium precipitation for separation of rare earths
R. Vijayalakshmi, S.L. Mishra, H. Singh and C.K. Gupta 75
Liquid–liquid extraction separation of iron(III) from titania wastes using TBP–MIBK mixed solvent system
J. Saji and M.L.P. Reddy 81
Transport of niobium(V) through a TBP–Alamine 336 supported liquid membrane from chloride solutions
M.E. Campderrós and J. Marchese 89
Studies on the liquid–liquid extraction of mercury(II) from acidic chloride solutions using Cyanex 923
R. Meera, T. Francis and M.L.P. Reddy 97
The dependence of sorbed copper and nickel cyanide speciation on ion exchange resin type
V.A. Leão, G.C. Lukey, J.S.J. van Deventer and V.S.T. Ciminelli 105
Adsorption of aurocyanide complexes onto carbonaceous matter from preg-robbing Goldstrike ore
P.A. Schmitz, S. Duyvesteyn, W.P. Johnson, L. Enloe and J. McMullen 121
Permeation of cadmium through a supported liquid membrane impregnated with CYANEX 923
F.J. Alguacil and P. Navarro 137

Short communication
Extraction separation studies of Rh, Pt and Pd using Cyanex 921 in toluene—a possible application to recovery from spent catalysts
A.A. Mhaske and P.M. Dhadke 143
Influence of Ni^{2+} and Mg^{2+} on the growth and activity of Cu^{2+}-adapted *Thiobacillus ferrooxidans*
H.-m. Li and J.-j. Ke 151
Cadmium sorption on chitosan sorbents: kinetic and equilibrium studies
M.S. Dzul Erosa, T.I. Saucedo Medina, R. Navarro Mendoza, M. Avila Rodriguez and E. Guibal 157
Behaviour of Co(II) in solutions obtained by dissolution of cobalto–cobaltic oxide in NH_3–SO_2–H_2O medium
M. Mohapatra, S. Anand and R.P. Das 169
Mechanistic study of active transport of copper(II) from ammoniacal/ammonium carbonate medium using LIX 973N as a carrier across a liquid membrane
F.J. Alguacil 177
Dissolution of La_2O_3 in HCl–H_2O, HCl–CH_3OH–H_2O and HCl–CH_3OH solutions
A. Yörükoğlu and İ. Girgin 185

Cobalt cementation with ferromanganese
Y. Cao and P. Duby 195
Electrochemical characterization of the effects of impurities and organic additives in lead electrowinning from fluoborate electrolyte
P. Zhang, T.J. O'Keefe and P. Yu 207
The synergistic extraction of nickel and cobalt with a mixture of di(2-ethylhexyl) phosphoric acid and 5-dodecylsalicylaldoxime
P. Zhang, T. Yokoyama, T.M. Suzuki and K. Inoue 223

PatentsALERT 229

Contents Volume 61, 2001 231